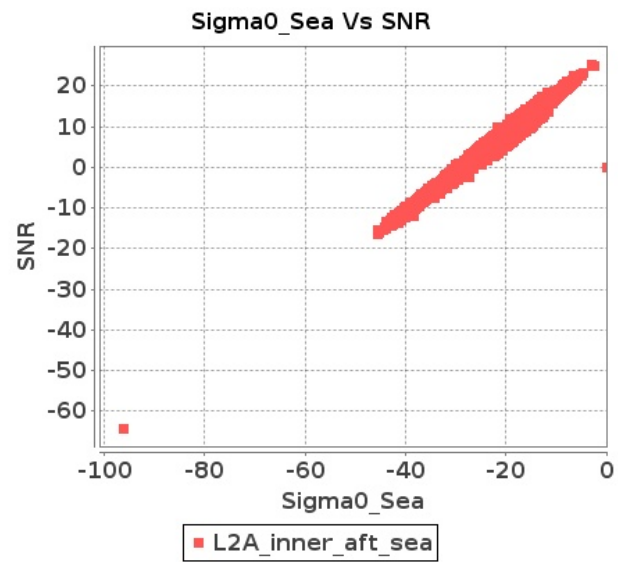


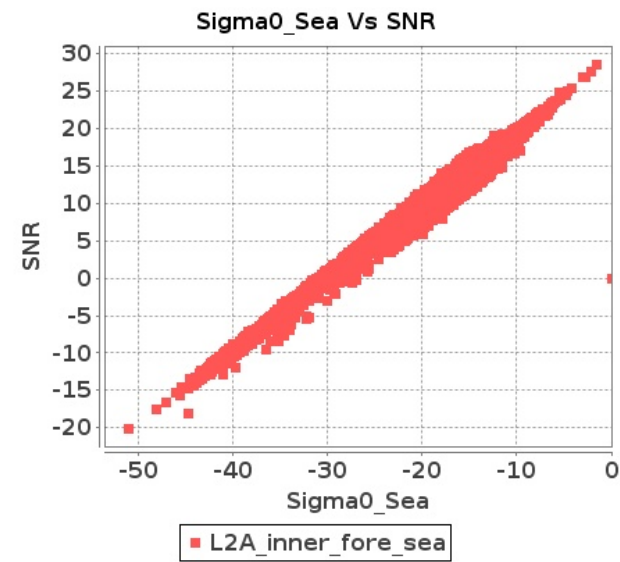
# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 07-JUL-2017 To 08-JUL-2017

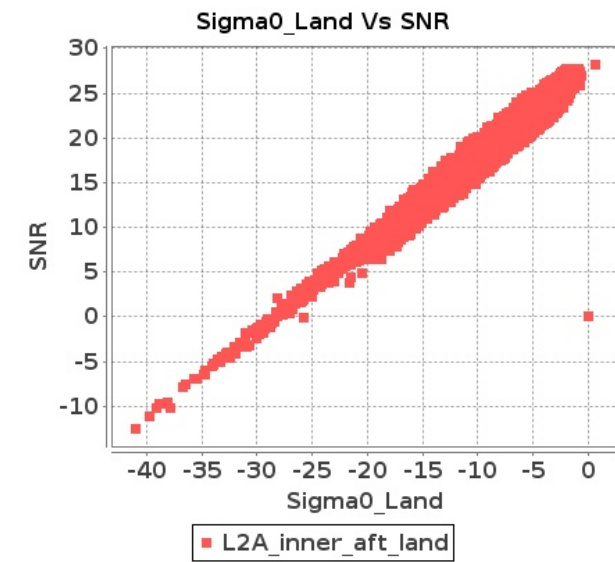
### Inner Sea Aft Sigma0VsSNR



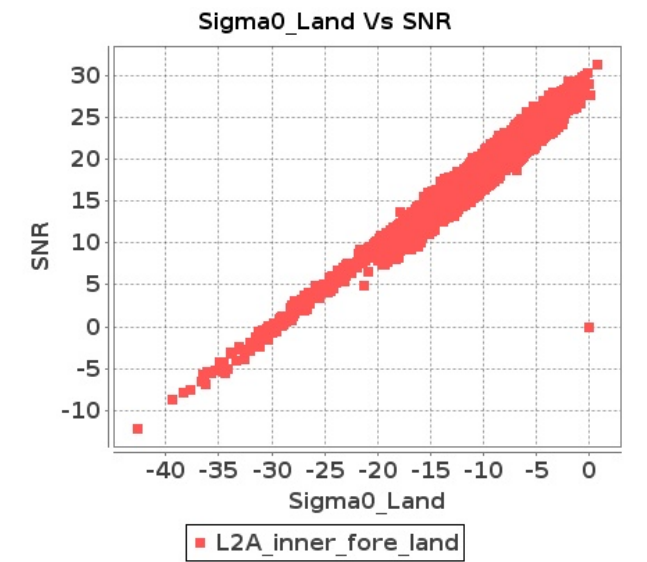
### Inner Sea Fore Sigma0VsSNR



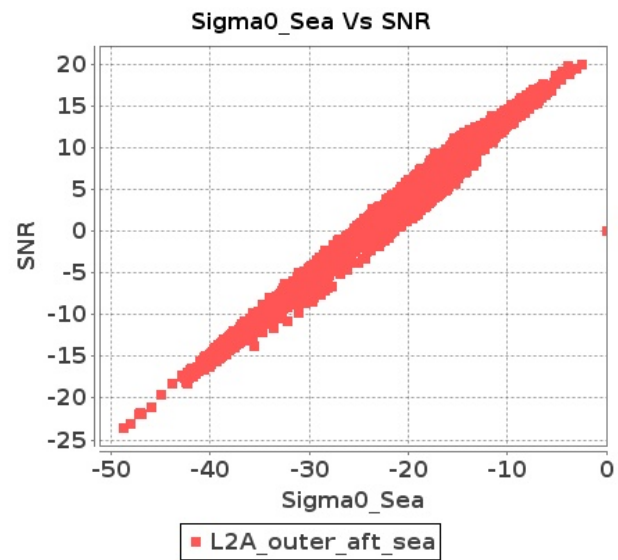
### Inner Land Aft Sigma0VsSNR



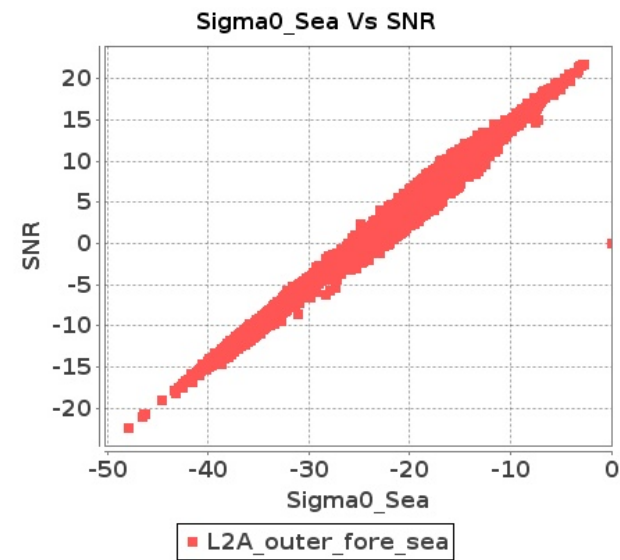
### Inner Land Fore Sigma0VsSNR



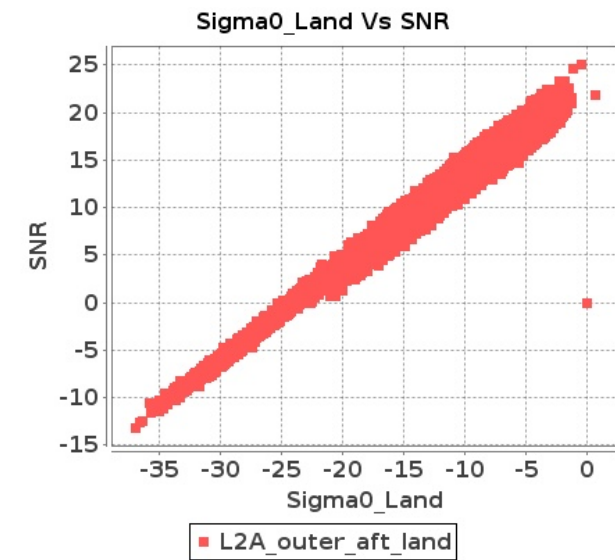
### Outer Sea Aft Sigma0VsSNR



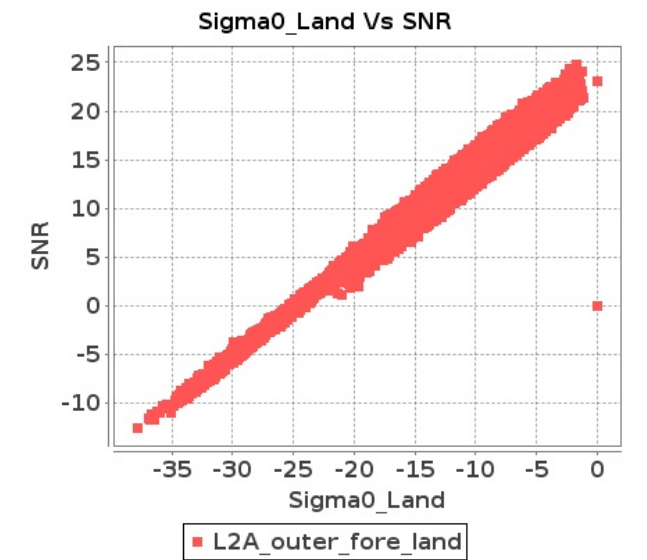
### Outer Sea Fore Sigma0VsSNR



### Outer Land Aft Sigma0VsSNR



### Outer Land Fore Sigma0VsSNR



# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 07-JUL-2017 To 08-JUL-2017

Sr No	Start Orbit	End Orbit	Dir.	Ver.	SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	4115	4116	SN	1	0.0	51.526	7.038	0.0	47.733	7.024	0.0	48.334	4.785	0.0	50.864	4.902	0.0	49.627	6.337	0.0	46.558	6.556	0.0	46.527	4.516	0.0	50.388	4.484
2	4115	4116	NS	1	0.0	58.501	13.219	0.0	55.712	11.865	0.0	51.066	8.125	0.0	48.99	8.112	0.0	59.521	12.455	0.0	55.465	11.081	0.0	50.621	8.018	0.0	49.042	7.713
3	4115	4116	NS	1	0.0	58.501	13.219	0.0	55.712	11.865	0.0	51.066	8.125	0.0	48.99	8.112	0.0	59.521	12.455	0.0	55.465	11.081	0.0	50.621	8.018	0.0	49.042	7.713
4	4115	4116	SN	1	0.0	51.526	7.037	0.0	47.733	6.944	0.0	48.334	4.785	0.0	50.864	4.848	0.0	49.627	6.336	0.0	46.558	6.481	0.0	46.527	4.516	0.0	50.388	4.435
5	4115	4116	SN	1	0.0	45.468	2.351	0.0	48.683	2.255	0.0	44.202	1.392	0.0	46.518	1.562	0.0	46.076	2.072	0.0	48.461	2.072	0.0	41.795	1.208	0.0	45.87	1.37
6	4115	4116	SN	1	0.0	51.526	7.219	0.0	47.733	7.121	0.0	48.334	4.855	0.0	50.864	4.976	0.0	49.627	6.499	0.0	46.558	6.647	0.0	46.527	4.578	0.0	50.388	4.552
7	4115	4116	SN	1	0.0	45.468	2.351	0.0	48.683	2.28	0.0	44.202	1.392	0.0	46.518	1.58	0.0	46.076	2.072	0.0	48.461	2.095	0.0	41.795	1.208	0.0	45.87	1.386
8	4115	4116	SN	1	0.0	45.468	2.417	0.0	48.683	2.316	0.0	44.202	1.413	0.0	46.518	1.604	0.0	46.076	2.13	0.0	48.461	2.133	0.0	41.795	1.233	0.0	45.87	1.406
9	4115	4116	NS	1	0.0	55.192	4.046	0.0	53.63	3.549	0.0	42.792	2.304	0.0	46.579	2.371	0.0	56.578	3.734	0.0	54.585	3.177	0.0	46.074	2.217	0.0	50.205	2.16
10	4115	4116	NS	1	0.0	55.192	4.046	0.0	53.63	3.549	0.0	42.792	2.304	0.0	46.579	2.371	0.0	56.578	3.734	0.0	54.585	3.177	0.0	46.074	2.217	0.0	50.205	2.16
11	4115	4116	NS	1	0.0	58.501	13.219	0.0	55.712	11.865	0.0	51.066	8.125	0.0	48.99	8.112	0.0	59.521	12.455	0.0	55.465	11.081	0.0	50.621	8.018	0.0	49.042	7.713
12	4115	4116	NS	1	0.0	58.501	13.219	0.0	55.712	11.865	0.0	51.066	8.125	0.0	48.99	8.112	0.0	59.521	12.455	0.0	55.465	11.081	0.0	50.621	8.018	0.0	49.042	7.713
13	4115	4116	SN	1	0.0	51.526	7.037	0.0	47.733	6.944	0.0	48.334	4.785	0.0	50.864	4.848	0.0	49.627	6.336	0.0	46.558	6.481	0.0	46.527	4.516	0.0	50.388	4.435
14	4115	4116	SN	1	0.0	51.526	7.038	0.0	47.733	7.024	0.0	48.334	4.785	0.0	50.864	4.902	0.0	49.627	6.337	0.0	46.558	6.556	0.0	46.527	4.516	0.0	50.388	4.484
15	4115	4116	SN	1	0.0	51.526	7.219	0.0	47.733	7.121	0.0	48.334	4.855	0.0	50.864	4.976	0.0	49.627	6.499	0.0	46.558	6.647	0.0	46.527	4.578	0.0	50.388	4.552
16	4116	4117	SN	1	0.0	46.685	5.376	0.0	51.566	4.906	0.0	47.943	4.282	0.0	46.156	4.246	0.0	47.792	4.886	0.0	51.122	4.509	0.0	46.474	4.012	0.0	46.48	4.051
17	4116	4117	SN	1	0.0	46.685	5.447	0.0	51.566	4.911	0.0	47.943	4.346	0.0	46.156	4.254	0.0	47.792	4.95	0.0	51.122	4.514	0.0	46.474	4.066	0.0	46.48	4.059
18	4116	4117	NS	1	0.0	49.639	4.253	0.0	52.211	3.552	0.0	43.516	2.94	0.0	41.409	2.658	0.0	50.231	3.71	0.0	52.74	3.1	0.0	43.513	2.456	0.0	41.337	2.267
19	4116	4117	SN	1	0.0	46.685	5.447	0.0	51.566	4.911	0.0	47.943	4.346	0.0	46.156	4.254	0.0	47.792	4.95	0.0	51.122	4.514	0.0	46.474	4.066	0.0	46.48	4.059
20	4116	4117	NS	1	0.0	46.684	4.355	0.0	50.039	3.484	0.0	41.399	2.843	0.0	45.52	2.264	0.0	48.191	3.765	0.0	51.218	3.068	0.0	39.034	2.361	0.0	43.278	2.063
21	4116	4117	SN	1	0.0	46.685	5.447	0.0	51.566	4.911	0.0	47.943	4.346	0.0	46.156	4.254	0.0	47.792	4.95	0.0	51.122	4.514	0.0	46.474	4.066	0.0	46.48	4.059
22	4116	4117	SN	1	0.0	46.685	5.447	0.0	51.566	4.911	0.0	47.943	4.346	0.0	46.156	4.254	0.0	47.792	4.95	0.0	51.122	4.514	0.0	46.474	4.066	0.0	46.48	4.059
23	4116	4117	NS	1	0.0	49.639	4.253	0.0	52.211	3.552	0.0	43.516	2.94	0.0	41.409	2.658	0.0	50.231	3.71	0.0	52.74	3.1	0.0	43.513	2.456	0.0	41.337	2.267
24	4116	4117	SN	1	0.0	46.685	5.376	0.0	51.566	4.906	0.0	47.943	4.282	0.0	46.156	4.246	0.0	47.792	4.886	0.0	51.122	4.509	0.0	46.474	4.012	0.0	46.48	4.051
25	4116	4117	NS	1	0.0	54.015	1.207	0.0	48.107	0.967	0.0	39.227	0.943	0.0	37.377	0.728	0.0	50.773	0.985	0.0	46.619	0.82	0.0	35.397	0.792	0.0	33.629	0.617
26	4116	4117	SN	1	0.0	47.375	2.113	0.0	46.962	1.777	0.0	44.219	1.382	0.0	41.334	1.494	0.0	46.877	1.933	0.0	49.475	1.681	0.0	41.833	1.249	0.0	40.215	1.331
27	4116	4117	SN	1	0.0	47.375	2.113	0.0	46.962	1.777	0.0	44.219	1.382	0.0	41.334	1.494	0.0	46.877	1.933	0.0	49.475	1.681	0.0	41.833	1.249	0.0	40.215	1.331
28	4116	4117	SN	1	0.0	47.375	2.085	0.0	46.962	1.775	0.0	44.219	1.36	0.0	41.334	1.492	0.0	46.877	1.91	0.0	49.475	1.679	0.0	41.833	1.233	0.0	40.215	1.328
29	4116	4117	NS	1	0.0	43.528	1.211	0.0	54.326	1.016	0.0	38.409	0.909	0.0	40.85	0.752	0.0	43.738	0.976	0.0	54.76	0.809	0.0	39.659	0.716	0.0	38.449	0.66
30	4116	4117	NS	1	0.0	46.684	4.355	0.0	50.039	3.484	0.0	41.399	2.843	0.0	45.52	2.264	0.0	48.191	3.765	0.0	51.218	3.068	0.0	39.034	2.361	0.0	43.278	2.063
31	4117	4118	SN	1	0.0	45.541	7.165	0.0	50.141	7.683	0.0	42.25	6.164	0.0	44.173	6.691	0.0	44.979	6.962	0.0	46.289	7.111	0.0	41.176	5.998	0.0	44.217	6.554

Parameter Specifications	Parameters	SNR	Sigma0	■ Normal	■ Deviations
	Range	20.0	20.0	■ Alarming	■ High Errors

32	4117	4118	NS	1	0.0	48.993	5.29	0.0	58.794	4.293	0.0	40.904	3.703	0.0	39.156	3.532	0.0	47.241	4.898	0.0	56.559	3.77	0.0	38.06	3.305	0.0	40.366	2.905
33	4117	4118	NS	1	0.0	48.993	5.29	0.0	58.794	4.293	0.0	40.904	3.703	0.0	39.156	3.532	0.0	47.241	4.898	0.0	56.559	3.77	0.0	38.06	3.305	0.0	40.366	2.905
34	4117	4118	NS	1	0.0	39.548	1.688	0.0	41.586	1.255	0.0	42.196	1.13	0.0	39.332	1.076	0.0	39.479	1.46	0.0	38.971	0.984	0.0	38.465	1.016	0.0	38.264	0.848
35	4117	4118	SN	1	0.0	45.541	7.119	0.0	50.141	7.767	0.0	42.25	6.076	0.0	44.173	6.711	0.0	44.979	6.918	0.0	46.289	7.197	0.0	41.176	5.913	0.0	44.217	6.56
36	4117	4118	SN	1	0.0	41.404	2.686	0.0	43.497	2.907	0.0	39.959	2.17	0.0	44.6	2.392	0.0	40.435	2.434	0.0	48.223	2.522	0.0	39.552	2.02	0.0	45.71	2.175
37	4117	4118	SN	1	0.0	45.541	7.165	0.0	50.141	7.683	0.0	42.25	6.164	0.0	44.173	6.691	0.0	44.979	6.962	0.0	46.289	7.111	0.0	41.176	5.998	0.0	44.217	6.554
38	4117	4118	SN	1	0.0	41.404	2.719	0.0	43.497	2.898	0.0	39.959	2.204	0.0	44.6	2.383	0.0	40.435	2.462	0.0	48.223	2.517	0.0	39.552	2.051	0.0	45.71	2.166
39	4117	4118	SN	1	0.0	45.541	7.119	0.0	50.141	7.767	0.0	42.25	6.076	0.0	44.173	6.711	0.0	44.979	6.918	0.0	46.289	7.197	0.0	41.176	5.913	0.0	44.217	6.56
40	4118	4119	NS	1	0.0	53.243	1.349	0.0	52.273	1.305	0.0	42.821	0.9	0.0	42.357	0.906	0.0	48.556	1.153	0.0	49.355	1.099	0.0	41.283	0.767	0.0	40.657	0.812
41	4118	4119	SN	1	0.0	45.568	5.814	0.0	47.349	6.528	0.0	43.868	5.135	0.0	42.439	5.744	0.0	42.474	5.169	0.0	45.556	5.869	0.0	43.194	4.939	0.0	42.087	5.131
42	4118	4119	SN	1	0.0	44.195	2.647	0.0	49.861	2.535	0.0	41.628	1.872	0.0	44.892	2.077	0.0	43.856	2.312	0.0	51.278	2.251	0.0	41.308	1.684	0.0	41.107	1.751
43	4118	4119	SN	1	0.0	43.033	5.832	0.0	47.349	6.505	0.0	43.868	5.021	0.0	42.439	5.752	0.0	42.474	5.161	0.0	45.556	5.833	0.0	43.194	4.844	0.0	42.087	5.146
44	4118	4119	NS	1	0.0	52.165	4.254	0.0	51.784	4.372	0.0	41.258	3.504	0.0	45.739	3.247	0.0	50.297	3.832	0.0	51.685	3.799	0.0	43.463	3.041	0.0	46.424	2.848
45	4118	4119	SN	1	0.0	43.033	5.832	0.0	47.349	6.505	0.0	43.868	5.021	0.0	42.439	5.752	0.0	42.474	5.161	0.0	45.556	5.833	0.0	43.194	4.844	0.0	42.087	5.146
46	4118	4119	SN	1	0.0	45.568	5.814	0.0	47.349	6.528	0.0	43.868	5.135	0.0	42.439	5.744	0.0	42.474	5.169	0.0	45.556	5.869	0.0	43.194	4.939	0.0	42.087	5.131
47	4118	4119	NS	1	0.0	52.165	4.254	0.0	51.784	4.372	0.0	41.258	3.504	0.0	45.739	3.247	0.0	50.297	3.832	0.0	51.685	3.799	0.0	43.463	3.041	0.0	46.424	2.848
48	4118	4119	SN	1	0.0	44.195	2.688	0.0	49.861	2.555	0.0	41.628	1.91	0.0	44.892	2.083	0.0	43.856	2.349	0.0	51.278	2.277	0.0	41.308	1.717	0.0	41.107	1.759
49	4119	4120	SN	1	0.0	44.916	2.989	0.0	43.14	2.771	0.0	44.875	2.163	0.0	44.071	2.354	0.0	42.409	2.327	0.0	43.502	2.345	0.0	44.087	1.69	0.0	41.016	1.989
50	4119	4120	NS	1	0.0	51.661	5.11	0.0	60.257	5.039	0.0	50.234	4.173	0.0	45.305	4.388	0.0	53.491	4.828	0.0	59.9	4.778	0.0	48.474	3.803	0.0	45.582	4.16
51	4119	4120	SN	1	0.0	52.117	7.141	0.0	49.369	7.221	0.0	43.896	5.658	0.0	43.774	6.236	0.0	49.883	5.98	0.0	49.728	6.559	0.0	42.592	4.977	0.0	44.463	5.414
52	4119	4120	SN	1	0.0	52.117	7.141	0.0	49.369	7.221	0.0	43.896	5.658	0.0	43.774	6.236	0.0	49.883	5.98	0.0	49.728	6.559	0.0	42.592	4.977	0.0	44.463	5.414
53	4119	4120	NS	1	0.0	51.661	5.11	0.0	60.257	5.039	0.0	50.234	4.173	0.0	45.305	4.388	0.0	53.491	4.828	0.0	59.9	4.778	0.0	48.474	3.803	0.0	45.582	4.16
54	4119	4120	SN	1	0.0	52.117	7.221	0.0	49.369	7.316	0.0	43.896	5.806	0.0	43.774	6.367	0.0	49.883	6.061	0.0	49.728	6.64	0.0	42.592	5.116	0.0	44.463	5.541
55	4119	4120	SN	1	0.0	44.916	2.916	0.0	43.14	2.715	0.0	44.875	2.098	0.0	44.071	2.299	0.0	42.409	2.268	0.0	43.502	2.299	0.0	44.087	1.64	0.0	41.016	1.943
56	4119	4120	NS	1	0.0	43.104	1.657	0.0	47.518	1.775	0.0	38.415	1.045	0.0	43.842	1.21	0.0	44.082	1.598	0.0	48.317	1.741	0.0	38.237	1.0	0.0	40.877	1.08
57	4119	4120	SN	1	0.0	52.117	7.221	0.0	49.369	7.316	0.0	43.896	5.806	0.0	43.774	6.367	0.0	49.883	6.061	0.0	49.728	6.64	0.0	42.592	5.116	0.0	44.463	5.541
58	4120	4121	SN	1	0.0	46.831	5.089	0.0	50.497	4.908	0.0	41.336	3.241	0.0	45.276	3.434	0.0	47.864	4.558	0.0	49.381	4.694	0.0	41.075	3.135	0.0	41.537	3.296
59	4120	4121	NS	1	0.0	48.288	2.991	0.0	56.982	2.701	0.0	45.972	2.148	0.0	46.692	2.025	0.0	45.92	2.674	0.0	55.085	2.346	0.0	45.833	2.027	0.0	47.873	1.772
60	4120	4121	NS	1	0.0	52.912	8.912	0.0	50.573	8.017	0.0	52.691	7.107	0.0	47.225	6.888	0.0	51.363	8.731	0.0	51.506	7.353	0.0	51.522	6.915	0.0	47.841	6.311
61	4120	4121	SN	1	0.0	51.135	14.008	0.0	53.761	14.408	0.0	44.844	9.466	0.0	49.841	10.113	0.0	51.674	13.399	0.0	52.763	13.939	0.0	43.767	9.2	0.0	49.409	10.15
62	4120	4121	NS	1	0.0	52.912	8.912	0.0	50.573	8.017	0.0	52.691	7.107	0.0	47.225	6.888	0.0	51.363	8.731	0.0	51.506	7.353	0.0	51.522	6.915	0.0	47.841	6.311
63	4120	4121	SN	1	0.0	51.135	14.008	0.0	53.761	14.408	0.0	44.844	9.466	0.0	49.841	10.113	0.0	51.674	13.399	0.0	52.763	13.939	0.0	43.767	9.2	0.0	49.409	10.15
64	4129	4130	SN	1	0.0	55.704	6.844	0.0	45.703	7.346	0.0	46.871	5.972	0.0	44.318	6.595	0.0	53.9	6.232	0.0	48.27	6.873	0.0	46.102	5.27	0.0	47.113	6.175
65	4129	4130	SN	1	0.0	44.724	3.265	0.0	48.916	3.432	0.0	44.663	1.997	0.0	48.081	2.468	0.0	46.032	2.982	0.0	48.574	3.191	0.0	44.988	1.778	0.0	45.191	2.238
66	4129	4130	SN	1	0.0	44.724	3.15	0.0	48.916	3.284	0.0	44.663	1.993	0.0	48.081	2.385	0.0	47.032	2.866	0.0	48.574	3.05	0.0	44.988	1.766	0.0	45.191	2.156
67	4129	4130	SN	1	0.0	51.411	7.046	0.0	48.579	7.659	0.0	43.44	5.745	0.0	43.519	6.903	0.0	54.685	6.401	0.0	50.584	7.17	0.0	42.639	5.077	0.0	43.859	6.466

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		





104	4133	4134	SN	1	0.0	43.506	8.0	0.0	45.664	9.061	0.0	44.366	7.295	0.0	42.88	8.424	0.0	43.374	7.537	0.0	45.697	8.471	0.0	43.383	6.938	0.0	42.678	7.94
105	4133	4134	SN	1	0.0	46.169	3.925	0.0	46.472	4.254	0.0	44.125	2.701	0.0	44.077	3.288	0.0	48.491	3.531	0.0	42.633	3.841	0.0	42.437	2.508	0.0	45.859	3.014
106	4133	4134	NS	1	0.0	42.459	1.207	0.0	42.603	1.168	0.0	48.876	0.778	0.0	45.751	0.731	0.0	40.283	1.047	0.0	42.858	1.01	0.0	46.749	0.645	0.0	45.857	0.635
107	4133	4134	NS	1	0.0	47.04	4.446	0.0	50.909	3.782	0.0	44.523	2.799	0.0	46.289	2.792	0.0	47.029	3.833	0.0	49.119	3.249	0.0	44.319	2.5	0.0	45.946	2.294
108	4133	4134	SN	1	0.0	46.169	3.994	0.0	46.472	4.354	0.0	44.125	2.77	0.0	44.077	3.362	0.0	48.491	3.607	0.0	42.633	3.928	0.0	42.437	2.573	0.0	45.859	3.084
109	4133	4134	SN	1	0.0	43.506	7.916	0.0	45.664	8.862	0.0	44.366	7.121	0.0	42.88	8.201	0.0	43.374	7.475	0.0	45.697	8.278	0.0	43.383	6.774	0.0	42.678	7.716
110	4134	4135	NS	1	0.0	47.182	2.945	0.0	47.016	2.555	0.0	43.344	2.055	0.0	44.568	2.024	0.0	46.116	2.893	0.0	48.61	2.569	0.0	40.007	2.012	0.0	45.089	1.95
111	4134	4135	NS	1	0.0	52.629	8.911	0.0	53.206	8.111	0.0	48.429	6.968	0.0	45.726	7.007	0.0	51.905	8.941	0.0	55.399	7.93	0.0	46.59	6.975	0.0	45.705	6.864
112	4134	4135	SN	1	0.0	45.163	5.475	0.0	47.213	5.332	0.0	39.337	3.48	0.0	43.896	3.962	0.0	45.511	5.264	0.0	47.304	5.301	0.0	38.586	3.294	0.0	44.84	3.831
113	4134	4135	NS	1	0.0	48.662	2.929	0.0	48.42	2.614	0.0	46.675	2.057	0.0	43.409	2.023	0.0	47.823	2.922	0.0	48.911	2.627	0.0	42.845	1.975	0.0	40.741	1.966
114	4134	4135	NS	1	0.0	54.854	8.91	0.0	55.53	8.241	0.0	48.452	7.06	0.0	49.266	6.95	0.0	52.731	8.89	0.0	57.721	8.04	0.0	46.783	7.06	0.0	48.009	6.843
115	4134	4135	SN	1	0.0	45.163	5.28	0.0	47.213	5.192	0.0	39.337	3.351	0.0	43.896	3.856	0.0	45.511	5.071	0.0	47.304	5.162	0.0	38.586	3.169	0.0	44.84	3.726
116	4134	4135	SN	1	0.0	53.699	13.175	0.0	52.88	14.146	0.0	41.973	9.26	0.0	43.758	10.434	0.0	52.004	13.275	0.0	54.912	13.922	0.0	42.01	9.225	0.0	46.48	10.506
117	4134	4135	SN	1	0.0	53.699	13.46	0.0	52.88	14.465	0.0	41.973	9.609	0.0	43.758	10.731	0.0	52.004	13.648	0.0	54.912	14.245	0.0	42.01	9.579	0.0	46.48	10.82
118	4135	4136	SN	1	0.0	55.862	5.642	0.0	50.186	6.086	0.0	41.554	3.767	0.0	41.938	3.799	0.0	53.292	5.51	0.0	47.471	5.998	0.0	42.27	3.731	0.0	43.162	3.768
119	4135	4136	NS	1	0.0	46.398	2.398	0.0	49.026	2.153	0.0	38.539	2.0	0.0	41.565	1.725	0.0	45.966	2.061	0.0	48.393	1.867	0.0	37.627	1.835	0.0	41.054	1.583
120	4135	4136	SN	1	0.0	55.862	5.535	0.0	50.186	6.034	0.0	41.554	3.708	0.0	41.938	3.772	0.0	53.292	5.4	0.0	47.471	5.942	0.0	42.27	3.669	0.0	43.162	3.749
121	4135	4136	NS	1	0.0	46.834	6.97	0.0	55.03	5.669	0.0	43.24	6.207	0.0	42.799	5.647	0.0	50.302	6.346	0.0	53.434	5.086	0.0	45.228	5.879	0.0	42.338	5.141
122	4135	4136	SN	1	0.0	50.984	13.196	0.0	55.94	14.745	0.0	51.623	10.723	0.0	47.895	10.909	0.0	51.401	12.515	0.0	56.289	14.44	0.0	53.439	10.737	0.0	47.687	11.147
123	4135	4136	SN	1	0.0	50.984	13.195	0.0	55.94	14.599	0.0	51.623	10.723	0.0	47.895	10.789	0.0	51.401	12.514	0.0	56.289	14.287	0.0	53.439	10.737	0.0	47.687	11.024
124	4135	4136	SN	1	0.0	55.862	5.535	0.0	50.186	5.971	0.0	41.554	3.71	0.0	41.938	3.73	0.0	53.292	5.4	0.0	47.471	5.881	0.0	42.27	3.669	0.0	43.162	3.71
125	4135	4136	SN	1	0.0	50.984	13.368	0.0	55.94	14.808	0.0	51.623	10.93	0.0	47.895	10.971	0.0	51.401	12.7	0.0	56.289	14.488	0.0	53.439	10.93	0.0	47.687	11.205
126	4136	4137	SN	1	0.0	51.41	4.628	0.0	54.201	4.939	0.0	48.514	2.796	0.0	42.751	3.314	0.0	50.886	4.513	0.0	52.768	4.864	0.0	45.497	2.803	0.0	41.72	3.215
127	4136	4137	SN	1	0.0	53.31	12.426	0.0	58.786	13.787	0.0	52.1	8.807	0.0	49.441	10.356	0.0	56.861	12.181	0.0	60.932	13.285	0.0	56.195	8.604	0.0	51.787	9.992
128	4136	4137	SN	1	0.0	53.453	12.326	0.0	58.992	13.334	0.0	52.358	8.607	0.0	49.855	10.051	0.0	56.787	12.046	0.0	61.138	12.921	0.0	56.452	8.423	0.0	50.933	9.752
129	4136	4137	SN	1	0.0	54.297	4.644	0.0	50.325	5.005	0.0	47.171	2.784	0.0	44.747	3.328	0.0	51.341	4.531	0.0	50.035	4.912	0.0	44.932	2.801	0.0	44.131	3.21
130	4136	4137	NS	1	0.0	48.799	6.666	0.0	46.33	5.809	0.0	39.367	5.232	0.0	44.861	5.069	0.0	49.156	6.364	0.0	47.611	5.698	0.0	38.219	5.147	0.0	42.788	4.87
131	4136	4137	NS	1	0.0	44.158	6.767	0.0	46.33	5.749	0.0	40.596	5.275	0.0	47.573	5.098	0.0	42.186	6.425	0.0	47.805	5.648	0.0	39.013	5.182	0.0	48.784	4.884
132	4136	4137	SN	1	0.0	53.31	12.317	0.0	58.786	13.499	0.0	52.1	8.607	0.0	49.441	10.14	0.0	56.861	12.027	0.0	60.932	12.99	0.0	56.195	8.437	0.0	51.787	9.816
133	4136	4137	NS	1	0.0	39.527	2.289	0.0	41.549	1.968	0.0	40.179	1.76	0.0	38.511	1.823	0.0	40.455	2.045	0.0	40.376	1.826	0.0	39.314	1.675	0.0	35.968	1.647
134	4136	4137	NS	1	0.0	39.8	2.267	0.0	41.633	1.973	0.0	42.315	1.744	0.0	41.183	1.84	0.0	38.759	2.038	0.0	44.039	1.826	0.0	41.253	1.668	0.0	38.295	1.651
135	4136	4137	SN	1	0.0	54.297	4.788	0.0	50.325	5.165	0.0	47.171	2.864	0.0	44.747	3.433	0.0	51.341	4.67	0.0	50.035	5.076	0.0	44.932	2.879	0.0	44.131	3.316
136	4137	4138	SN	1	0.0	56.512	7.471	0.0	55.267	8.562	0.0	47.332	5.616	0.0	49.035	7.015	0.0	60.426	6.91	0.0	55.594	7.959	0.0	46.626	5.247	0.0	50.43	6.48
137	4137	4138	NS	1	0.0	48.379	5.902	0.0	44.96	4.362	0.0	42.668	4.605	0.0	42.717	4.314	0.0	46.275	5.268	0.0	45.032	4.09	0.0	45.54	4.164	0.0	44.12	4.03
138	4137	4138	NS	1	0.0	48.228	5.962	0.0	44.628	4.352	0.0	42.332	4.584	0.0	49.122	4.435	0.0	46.123	5.268	0.0	43.207	4.07	0.0	45.202	4.185	0.0	44.684	4.072
139	4137	4138	SN	1	0.0	56.455	7.471	0.0	55.359	8.522	0.0	46.869	5.58	0.0	50.264	7.057	0.0	60.368	6.92	0.0	56.255	7.908	0.0	46.527	5.226	0.0	49.917	6.516

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	4137	4138	SN	1	0.0	50.248	3.433	0.0	55.48	4.028	0.0	38.63	1.863	0.0	51.5	2.653	0.0	49.213	3.194	0.0	55.34	3.763	0.0	39.036	1.755	0.0	49.425	2.363
141	4137	4138	SN	1	0.0	49.719	3.426	0.0	54.963	4.041	0.0	39.803	1.875	0.0	53.393	2.646	0.0	48.682	3.172	0.0	54.824	3.727	0.0	40.206	1.774	0.0	50.365	2.365
142	4137	4138	NS	1	0.0	41.006	2.106	0.0	42.004	1.637	0.0	38.277	1.517	0.0	41.195	1.268	0.0	43.349	1.794	0.0	42.735	1.497	0.0	38.426	1.33	0.0	38.884	1.143
143	4137	4138	NS	1	0.0	41.037	2.113	0.0	46.232	1.632	0.0	36.237	1.501	0.0	37.187	1.268	0.0	43.349	1.796	0.0	43.683	1.485	0.0	38.762	1.33	0.0	35.382	1.143
144	4138	4139	NS	1	0.0	46.147	2.787	0.0	52.207	2.416	0.0	41.218	1.754	0.0	45.338	1.699	0.0	47.186	2.471	0.0	52.172	2.127	0.0	38.072	1.553	0.0	42.516	1.424
145	4138	4139	NS	1	0.0	56.362	8.604	0.0	51.893	7.551	0.0	43.681	5.55	0.0	45.078	5.492	0.0	57.753	7.81	0.0	52.396	6.789	0.0	44.362	4.953	0.0	45.346	4.924
146	4138	4139	SN	1	0.0	46.195	7.221	0.0	47.744	7.687	0.0	41.921	5.644	0.0	48.961	6.437	0.0	47.831	6.84	0.0	47.741	7.244	0.0	42.204	5.644	0.0	48.202	6.209
147	4138	4139	NS	1	0.0	46.189	2.79	0.0	51.128	2.382	0.0	38.479	1.736	0.0	44.187	1.708	0.0	47.226	2.485	0.0	51.095	2.134	0.0	37.9	1.544	0.0	40.659	1.447
148	4138	4139	SN	1	0.0	47.072	3.714	0.0	45.115	3.74	0.0	42.685	2.163	0.0	47.368	2.745	0.0	46.867	3.354	0.0	45.128	3.446	0.0	40.911	2.133	0.0	46.173	2.626
149	4138	4139	NS	1	0.0	56.464	8.574	0.0	51.832	7.531	0.0	43.796	5.536	0.0	45.476	5.485	0.0	57.853	7.82	0.0	52.336	6.839	0.0	44.476	5.002	0.0	45.746	4.938
150	4139	4140	NS	1	0.0	53.888	5.046	0.0	48.415	4.262	0.0	45.378	3.978	0.0	45.522	3.503	0.0	54.442	4.353	0.0	50.404	4.001	0.0	44.179	3.522	0.0	45.086	3.353
151	4139	4140	SN	1	0.0	46.466	6.991	0.0	56.821	7.828	0.0	47.301	6.46	0.0	50.709	6.843	0.0	49.833	6.11	0.0	54.366	7.415	0.0	45.594	5.914	0.0	49.548	6.315
152	4139	4140	SN	1	0.0	45.983	3.338	0.0	52.234	3.443	0.0	43.72	2.147	0.0	46.664	2.638	0.0	46.155	3.025	0.0	51.491	3.179	0.0	44.479	2.039	0.0	47.304	2.441
153	4139	4140	NS	1	0.0	45.604	1.728	0.0	51.187	1.384	0.0	39.534	1.15	0.0	44.682	1.174	0.0	45.433	1.4	0.0	50.579	1.278	0.0	40.709	1.01	0.0	48.616	1.057
154	4140	4141	NS	1	0.0	53.494	7.264	0.0	56.206	7.426	0.0	50.373	6.17	0.0	45.09	5.7	0.0	51.831	6.835	0.0	56.672	7.008	0.0	48.391	6.141	0.0	41.935	5.441
155	4140	4141	SN	1	0.0	50.67	3.367	0.0	48.768	3.895	0.0	47.346	1.966	0.0	46.961	2.666	0.0	51.653	3.119	0.0	47.655	3.544	0.0	48.197	1.819	0.0	45.838	2.465
156	4140	4141	NS	1	0.0	40.335	2.607	0.0	42.298	2.531	0.0	38.957	1.887	0.0	46.391	1.825	0.0	42.576	2.347	0.0	41.096	2.305	0.0	36.801	1.786	0.0	43.137	1.715
157	4140	4141	NS	1	0.0	53.494	7.153	0.0	56.206	7.329	0.0	50.373	6.077	0.0	45.09	5.627	0.0	51.831	6.73	0.0	56.672	6.917	0.0	48.391	6.048	0.0	41.935	5.371
158	4140	4141	NS	1	0.0	40.335	2.645	0.0	42.298	2.57	0.0	38.957	1.916	0.0	46.391	1.853	0.0	42.576	2.383	0.0	41.096	2.341	0.0	36.801	1.813	0.0	43.137	1.741
159	4140	4141	SN	1	0.902	53.449	7.477	0.0	52.066	8.323	0.0	49.273	6.071	0.0	45.708	7.594	1.019	53.732	6.976	0.0	49.928	7.639	0.0	49.977	5.73	0.0	46.759	7.059
160	4141	4142	NS	1	0.0	45.852	3.186	0.0	48.112	2.684	0.0	37.34	2.49	0.0	39.913	2.403	0.0	43.827	3.004	0.0	46.107	2.516	0.0	39.4	2.33	0.0	36.175	2.199
161	4141	4142	NS	1	0.0	44.171	9.807	0.0	53.495	8.495	0.0	42.638	7.113	0.0	47.033	7.092	0.0	44.56	9.628	0.0	51.281	8.232	0.0	43.408	7.404	0.0	43.133	6.839
162	4141	4142	NS	1	0.0	45.852	3.044	0.0	48.112	2.568	0.0	37.34	2.378	0.0	39.913	2.301	0.0	43.827	2.87	0.0	46.107	2.408	0.0	39.4	2.225	0.0	36.175	2.104
163	4141	4142	SN	1	0.0	55.966	8.258	0.0	44.677	8.676	0.0	46.588	7.56	0.0	46.854	8.064	0.0	57.051	7.817	0.0	45.828	8.112	0.0	45.362	7.121	0.0	46.815	7.729
164	4141	4142	NS	1	0.0	44.171	9.361	0.0	53.495	8.106	0.0	42.638	6.807	0.0	47.033	6.766	0.0	44.56	9.191	0.0	51.281	7.855	0.0	43.408	7.07	0.0	43.133	6.524
165	4141	4142	SN	1	0.0	48.141	3.783	0.0	50.525	4.137	0.0	44.094	2.678	0.0	47.686	3.038	0.0	45.831	3.493	0.0	50.143	3.877	0.0	43.531	2.492	0.0	48.305	2.881
166	4142	4143	NS	1	0.0	52.115	9.672	0.0	46.924	8.136	0.0	40.273	6.941	0.0	42.937	6.374	0.0	51.249	8.687	0.0	47.161	7.454	0.0	40.02	6.671	0.0	42.83	5.955
167	4142	4143	NS	1	0.0	45.016	3.189	0.0	45.842	2.424	0.0	41.958	2.272	0.0	43.735	2.104	0.0	43.621	2.942	0.0	46.186	2.148	0.0	39.101	2.16	0.0	41.123	1.854
168	4142	4143	NS	1	0.0	45.016	3.43	0.0	45.842	2.605	0.0	41.958	2.443	0.0	43.735	2.263	0.0	43.621	3.165	0.0	46.186	2.309	0.0	39.101	2.323	0.0	41.123	1.994
169	4142	4143	NS	1	0.0	52.115	10.426	0.0	46.924	8.777	0.0	40.273	7.457	0.0	42.937	6.859	0.0	51.249	9.364	0.0	47.161	8.041	0.0	40.02	7.173	0.0	42.83	6.415
170	4142	4143	SN	1	1.351	46.8	7.486	0.0	47.728	8.252	0.0	45.49	6.191	0.0	43.888	6.816	0.523	46.466	7.236	0.0	49.022	7.688	0.0	45.721	6.29	0.0	43.299	6.56
171	4142	4143	SN	1	0.0	43.848	3.258	0.0	46.868	3.779	0.0	38.505	2.276	0.0	45.479	2.92	0.0	43.88	3.049	0.0	47.524	3.585	0.0	38.144	2.281	0.0	46.39	2.732
172	4143	4144	NS	1	0.0	52.224	12.675	0.0	50.906	9.692	0.0	45.018	9.194	0.0	41.723	9.232	0.0	51.297	11.639	0.0	51.668	9.164	0.0	45.349	9.194	0.0	41.816	8.801
173	4143	4144	NS	1	0.0	52.224	10.853	0.0	50.906	8.338	0.0	45.018	8.032	0.0	41.723	7.937	0.0	51.297	9.958	0.0	51.668	7.866	0.0	45.349	8.046	0.0	41.816	7.566
174	4143	4144	SN	1	0.0	41.013	3.38	0.0	47.598	3.937	0.0	41.597	2.047	0.0	39.711	2.724	0.0	40.827	3.178	0.0	46.687	3.682	0.0	41.078	1.972	0.0	40.908	2.477
175	4143	4144	NS	1	0.0	48.017	3.637	0.0	48.169	2.826	0.0	41.348	2.608	0.0	45.649	2.506	0.0	43.963	3.325	0.0	43.707	2.672	0.0	42.084	2.483	0.0	42.112	2.345

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0	Alarming	High Errors

176	4143	4144	SN	1	0.0	47.374	7.596	0.0	52.765	8.384	0.0	42.997	5.822	0.0	46.503	6.902	0.0	48.152	7.055	0.0	56.368	8.018	0.0	45.556	5.702	0.0	50.27	6.549
177	4143	4144	SN	1	0.0	47.374	7.577	0.0	52.765	8.661	0.0	42.997	5.819	0.0	46.503	7.202	0.0	48.152	6.981	0.0	56.368	8.312	0.0	45.556	5.665	0.0	50.27	6.886
178	4143	4144	NS	1	0.0	48.017	4.217	0.0	48.169	3.277	0.0	41.348	2.99	0.0	45.649	2.912	0.0	43.963	3.859	0.0	43.707	3.101	0.0	42.084	2.845	0.0	42.112	2.728
179	4143	4144	SN	1	0.0	42.802	3.337	0.0	47.598	3.75	0.0	41.597	2.023	0.0	39.711	2.57	0.0	46.595	3.159	0.0	46.687	3.499	0.0	41.078	1.966	0.0	40.908	2.332

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

Sr No	Start Orbit	End Orbit	Dir.	Ver.	Azimuth Angle												Incidence Angle											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	4115	4116	SN	1	0.0	31.391	15.487	0.0	26.4	15.209	0.0	169.437	11.846	0.0	78.443	12.312	0.0	1.933	0.0	1.97	0.0	0.0	2.113	0.0	0.0	2.176	0.0	
2	4115	4116	NS	1	0.0	25.926	14.557	0.0	34.028	15.354	0.0	351.165	11.785	0.0	49.657	11.737	0.0	1.915	0.0	1.885	0.0	0.0	2.074	0.0	0.0	2.042	0.0	
3	4115	4116	NS	1	0.0	25.926	14.557	0.0	34.028	15.354	0.0	351.165	11.785	0.0	49.657	11.737	0.0	1.915	0.0	1.885	0.0	0.0	2.074	0.0	0.0	2.042	0.0	
4	4115	4116	SN	1	0.0	33.983	15.506	0.0	26.4	15.176	0.0	169.437	11.846	0.0	78.443	12.207	0.0	1.933	0.0	1.97	0.0	0.0	2.113	0.0	0.0	2.176	0.0	
5	4115	4116	SN	1	0.0	25.832	9.147	0.0	26.814	9.082	0.0	179.116	3.157	0.0	93.741	3.423	0.0	1.931	0.0	2.029	0.0	0.0	2.115	0.0	0.0	2.176	0.0	
6	4115	4116	SN	1	0.0	33.983	15.477	0.0	25.965	14.759	0.0	169.437	11.976	0.0	78.443	11.584	0.0	1.933	0.0	1.97	0.0	0.0	2.113	0.0	0.0	2.176	0.0	
7	4115	4116	SN	1	0.0	25.832	9.142	0.0	26.814	9.152	0.0	179.116	3.157	0.0	93.741	3.462	0.0	1.931	0.0	2.029	0.0	0.0	2.115	0.0	0.0	2.176	0.0	
8	4115	4116	SN	1	0.0	25.832	9.15	0.0	26.814	8.994	0.0	179.116	3.197	0.0	13.898	3.229	0.0	1.931	0.0	2.029	0.0	0.0	2.115	0.0	0.0	2.176	0.0	
9	4115	4116	NS	1	0.0	26.759	9.055	0.0	25.827	9.02	0.0	347.762	3.496	0.0	68.612	3.048	0.0	1.919	0.0	1.874	0.0	0.0	2.067	0.0	0.0	2.042	0.0	
10	4115	4116	NS	1	0.0	26.759	9.055	0.0	25.827	9.02	0.0	347.762	3.496	0.0	68.612	3.048	0.0	1.919	0.0	1.874	0.0	0.0	2.067	0.0	0.0	2.042	0.0	
11	4115	4116	NS	1	0.0	25.926	14.557	0.0	34.028	15.354	0.0	351.165	11.785	0.0	49.657	11.737	0.0	1.915	0.0	1.885	0.0	0.0	2.074	0.0	0.0	2.042	0.0	
12	4115	4116	NS	1	0.0	25.926	14.557	0.0	34.028	15.354	0.0	351.165	11.785	0.0	49.657	11.737	0.0	1.915	0.0	1.885	0.0	0.0	2.074	0.0	0.0	2.042	0.0	
13	4115	4116	SN	1	0.0	33.983	15.506	0.0	26.4	15.176	0.0	169.437	11.846	0.0	78.443	12.207	0.0	1.933	0.0	1.97	0.0	0.0	2.113	0.0	0.0	2.176	0.0	
14	4115	4116	SN	1	0.0	31.391	15.487	0.0	26.4	15.209	0.0	169.437	11.846	0.0	78.443	12.312	0.0	1.933	0.0	1.97	0.0	0.0	2.113	0.0	0.0	2.176	0.0	
15	4115	4116	SN	1	0.0	33.983	15.477	0.0	25.965	14.759	0.0	169.437	11.976	0.0	78.443	11.584	0.0	1.933	0.0	1.97	0.0	0.0	2.113	0.0	0.0	2.176	0.0	
16	4116	4117	SN	1	0.0	31.276	15.579	0.0	26.406	15.167	0.0	168.45	11.903	0.0	75.445	12.319	0.0	1.94	0.0	1.976	0.0	0.0	2.123	0.0	0.0	2.19	0.0	
17	4116	4117	SN	1	0.0	33.989	15.591	0.0	25.965	14.938	0.0	168.45	11.989	0.0	22.898	11.889	0.0	1.94	0.0	1.976	0.0	0.0	2.123	0.0	0.0	2.19	0.0	
18	4116	4117	NS	1	0.0	25.926	14.599	0.0	33.829	15.481	0.0	346.698	11.76	0.0	75.318	11.753	0.0	1.932	0.0	1.885	0.0	0.0	2.073	0.0	0.0	2.042	0.0	
19	4116	4117	SN	1	0.0	33.989	15.591	0.0	25.965	14.938	0.0	168.45	11.989	0.0	22.898	11.889	0.0	1.94	0.0	1.976	0.0	0.0	2.123	0.0	0.0	2.19	0.0	
20	4116	4117	NS	1	0.0	25.926	14.53	0.0	34.066	15.319	0.0	351.435	11.538	0.0	54.676	11.427	0.0	1.917	0.0	1.883	0.0	0.0	2.073	0.0	0.0	2.041	0.0	
21	4116	4117	SN	1	0.0	33.989	15.591	0.0	25.965	14.938	0.0	168.45	11.989	0.0	22.898	11.889	0.0	1.94	0.0	1.976	0.0	0.0	2.123	0.0	0.0	2.19	0.0	
22	4116	4117	SN	1	0.0	33.989	15.591	0.0	25.965	14.938	0.0	168.45	11.989	0.0	22.898	11.889	0.0	1.94	0.0	1.976	0.0	0.0	2.123	0.0	0.0	2.19	0.0	
23	4116	4117	NS	1	0.0	25.926	14.599	0.0	33.829	15.481	0.0	346.698	11.76	0.0	75.318	11.753	0.0	1.932	0.0	1.885	0.0	0.0	2.073	0.0	0.0	2.042	0.0	
24	4116	4117	SN	1	0.0	31.276	15.579	0.0	26.406	15.167	0.0	168.45	11.903	0.0	75.445	12.319	0.0	1.94	0.0	1.976	0.0	0.0	2.123	0.0	0.0	2.19	0.0	
25	4116	4117	NS	1	0.0	26.775	8.959	0.0	25.832	8.878	0.0	348.363	3.388	0.0	69.092	2.913	0.0	1.914	0.0	1.872	0.0	0.0	2.068	0.0	0.0	2.042	0.0	
26	4116	4117	SN	1	0.0	25.838	9.154	0.0	26.814	9.068	0.0	179.602	3.19	0.0	14.742	3.342	0.0	1.941	0.0	2.053	0.0	0.0	2.126	0.0	0.0	2.191	0.0	
27	4116	4117	SN	1	0.0	25.838	9.154	0.0	26.814	9.068	0.0	179.602	3.19	0.0	14.742	3.342	0.0	1.941	0.0	2.053	0.0	0.0	2.126	0.0	0.0	2.191	0.0	
28	4116	4117	SN	1	0.0	25.838	9.147	0.0	26.814	9.184	0.0	179.602	3.171	0.0	130.863	3.496	0.0	1.941	0.0	2.053	0.0	0.0	2.126	0.0	0.0	2.191	0.0	
29	4116	4117	NS	1	0.0	26.742	9.048	0.0	25.832	8.981	0.0	353.465	3.491	0.0	65.424	3.021	0.0	1.916	0.0	1.872	0.0	0.0	2.068	0.0	0.0	2.042	0.0	
30	4116	4117	NS	1	0.0	25.926	14.53	0.0	34.066	15.319	0.0	351.435	11.538	0.0	54.676	11.427	0.0	1.917	0.0	1.883	0.0	0.0	2.073	0.0	0.0	2.041	0.0	
31	4117	4118	SN	1	0.0	34.105	15.561	0.0	25.959	14.804	0.0	163.238	12.061	0.0	21.078	11.869	0.0	1.946	0.0	1.977	0.0	0.0	2.124	0.0	0.0	2.196	0.0	

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors



32	4117	4118	NS	1	0.0	25.937	14.613	0.0	34.778	15.423	0.0	356.046	11.701	0.0	55.106	11.678	0.0	1.933	0.0	0.0	1.884	0.0	0.0	2.074	0.0	0.0	2.043	0.0
33	4117	4118	NS	1	0.0	25.937	14.613	0.0	34.778	15.423	0.0	356.046	11.701	0.0	55.106	11.678	0.0	1.933	0.0	0.0	1.884	0.0	0.0	2.074	0.0	0.0	2.043	0.0
34	4117	4118	NS	1	0.0	26.764	9.061	0.0	25.816	8.976	0.0	346.858	3.425	0.0	70.002	3.002	0.0	1.914	0.0	0.0	1.873	0.0	0.0	2.07	0.0	0.0	2.042	0.0
35	4117	4118	SN	1	0.0	31.253	15.549	0.0	26.406	15.077	0.0	163.238	11.946	0.0	81.986	12.355	0.0	1.946	0.0	0.0	1.977	0.0	0.0	2.124	0.0	0.0	2.196	0.0
36	4117	4118	SN	1	0.0	25.843	9.127	0.0	26.803	9.168	0.0	169.658	3.178	0.0	132.501	3.552	0.0	1.951	0.0	0.0	2.039	0.0	0.0	2.125	0.0	0.0	2.194	0.0
37	4117	4118	SN	1	0.0	34.105	15.561	0.0	25.959	14.804	0.0	163.238	12.061	0.0	21.078	11.869	0.0	1.946	0.0	0.0	1.977	0.0	0.0	2.124	0.0	0.0	2.196	0.0
38	4117	4118	SN	1	0.0	25.843	9.13	0.0	26.803	9.041	0.0	169.658	3.198	0.0	100.902	3.376	0.0	1.951	0.0	0.0	2.039	0.0	0.0	2.125	0.0	0.0	2.194	0.0
39	4117	4118	SN	1	0.0	31.253	15.549	0.0	26.406	15.077	0.0	163.238	11.946	0.0	81.986	12.355	0.0	1.946	0.0	0.0	1.977	0.0	0.0	2.124	0.0	0.0	2.196	0.0
40	4118	4119	NS	1	0.0	26.781	9.04	0.0	25.821	8.99	0.0	349.273	3.433	0.0	70.928	2.993	0.0	1.913	0.0	0.0	1.873	0.0	0.0	2.068	0.0	0.0	2.041	0.0
41	4118	4119	SN	1	0.0	34.154	15.599	0.0	25.965	14.6	0.0	146.374	12.14	0.0	18.685	11.699	0.0	1.952	0.0	0.0	1.977	0.0	0.0	2.127	0.0	0.0	2.207	0.0
42	4118	4119	SN	1	0.0	25.843	9.143	0.0	26.808	9.178	0.0	197.266	3.19	0.0	62.375	3.583	0.0	1.95	0.0	0.0	2.052	0.0	0.0	2.132	0.0	0.0	2.192	0.0
43	4118	4119	SN	1	0.0	31.138	15.593	0.0	25.965	14.995	0.0	146.374	12.013	0.0	83.376	12.354	0.0	1.952	0.0	0.0	1.977	0.0	0.0	2.127	0.0	0.0	2.207	0.0
44	4118	4119	NS	1	0.0	25.926	14.633	0.0	37.827	15.388	0.0	351.865	11.721	0.0	55.608	11.657	0.0	1.932	0.0	0.0	1.882	0.0	0.0	2.072	0.0	0.0	2.042	0.0
45	4118	4119	SN	1	0.0	31.138	15.593	0.0	25.965	14.995	0.0	146.374	12.013	0.0	83.376	12.354	0.0	1.952	0.0	0.0	1.977	0.0	0.0	2.127	0.0	0.0	2.207	0.0
46	4118	4119	SN	1	0.0	34.154	15.599	0.0	25.965	14.6	0.0	146.374	12.14	0.0	18.685	11.699	0.0	1.952	0.0	0.0	1.977	0.0	0.0	2.127	0.0	0.0	2.207	0.0
47	4118	4119	NS	1	0.0	25.926	14.633	0.0	37.827	15.388	0.0	351.865	11.721	0.0	55.608	11.657	0.0	1.932	0.0	0.0	1.882	0.0	0.0	2.072	0.0	0.0	2.042	0.0
48	4118	4119	SN	1	0.0	25.843	9.15	0.0	26.808	9.037	0.0	197.266	3.227	0.0	13.914	3.367	0.0	1.95	0.0	0.0	2.052	0.0	0.0	2.132	0.0	0.0	2.192	0.0
49	4119	4120	SN	1	0.0	25.849	9.145	0.0	26.808	8.99	0.0	185.525	3.234	0.0	13.407	3.331	0.0	1.954	0.0	0.0	2.051	0.0	0.0	2.13	0.0	0.0	2.2	0.0
50	4119	4120	NS	1	0.0	25.926	14.626	0.0	33.641	15.419	0.0	353.889	11.743	0.0	37.574	11.661	0.0	1.928	0.0	0.0	1.885	0.0	0.0	2.073	0.0	0.0	2.049	0.0
51	4119	4120	SN	1	0.0	31.568	15.515	0.0	25.932	15.034	0.0	213.436	11.99	0.0	81.423	12.371	0.0	1.958	0.0	0.0	2.003	0.0	0.0	2.131	0.0	0.0	2.189	0.0
52	4119	4120	SN	1	0.0	31.568	15.515	0.0	25.932	15.034	0.0	213.436	11.99	0.0	81.423	12.371	0.0	1.958	0.0	0.0	2.003	0.0	0.0	2.131	0.0	0.0	2.189	0.0
53	4119	4120	NS	1	0.0	25.926	14.626	0.0	33.641	15.419	0.0	353.889	11.743	0.0	37.574	11.661	0.0	1.928	0.0	0.0	1.885	0.0	0.0	2.073	0.0	0.0	2.049	0.0
54	4119	4120	SN	1	0.0	34.127	15.53	0.0	25.876	14.466	0.0	213.436	12.139	0.0	16.749	11.524	0.0	1.958	0.0	0.0	2.003	0.0	0.0	2.131	0.0	0.0	2.189	0.0
55	4119	4120	SN	1	0.0	25.849	9.131	0.0	26.808	9.179	0.0	185.525	3.196	0.0	148.356	3.592	0.0	1.954	0.0	0.0	2.051	0.0	0.0	2.13	0.0	0.0	2.2	0.0
56	4119	4120	NS	1	0.0	26.759	9.049	0.0	25.816	8.973	0.0	353.889	3.43	0.0	73.421	3.003	0.0	1.916	0.0	0.0	1.875	0.0	0.0	2.075	0.0	0.0	2.048	0.0
57	4119	4120	SN	1	0.0	34.127	15.53	0.0	25.876	14.466	0.0	213.436	12.139	0.0	16.749	11.524	0.0	1.958	0.0	0.0	2.003	0.0	0.0	2.131	0.0	0.0	2.189	0.0
58	4120	4121	SN	1	0.0	25.849	9.173	0.0	26.803	9.061	0.0	246.73	3.218	0.0	15.243	3.452	0.0	1.961	0.0	0.0	2.062	0.0	0.0	2.137	0.0	0.0	2.222	0.0
59	4120	4121	NS	1	0.0	26.786	9.033	0.0	25.832	8.984	0.0	352.66	3.445	0.0	70.074	3.001	0.0	1.92	0.0	0.0	1.874	0.0	0.0	2.069	0.0	0.0	2.041	0.0
60	4120	4121	NS	1	0.0	25.932	14.665	0.0	33.625	15.431	0.0	354.088	11.722	0.0	37.849	11.654	0.0	1.93	0.0	0.0	1.884	0.0	0.0	2.073	0.0	0.0	2.041	0.0
61	4120	4121	SN	1	0.0	34.099	15.59	0.0	25.943	14.816	0.0	335.453	12.152	0.0	21.784	12.021	0.0	1.951	0.0	0.0	1.989	0.0	0.0	2.128	0.0	0.0	2.197	0.0
62	4120	4121	NS	1	0.0	25.932	14.665	0.0	33.625	15.431	0.0	354.088	11.722	0.0	37.849	11.654	0.0	1.93	0.0	0.0	1.884	0.0	0.0	2.073	0.0	0.0	2.041	0.0
63	4120	4121	SN	1	0.0	34.099	15.59	0.0	25.943	14.816	0.0	335.453	12.152	0.0	21.784	12.021	0.0	1.951	0.0	0.0	1.989	0.0	0.0	2.128	0.0	0.0	2.197	0.0
64	4129	4130	SN	1	0.0	34.066	15.601	0.0	25.965	15.015	0.0	166.818	12.021	0.0	82.885	12.278	0.0	2.013	0.0	0.0	2.045	0.0	0.0	2.193	0.0	0.0	2.293	0.0
65	4129	4130	SN	1	0.0	25.854	9.15	0.0	74.908	8.924	0.0	174.803	3.221	0.0	14.256	3.282	0.0	2.02	0.0	0.0	2.15	0.0	0.0	2.196	0.0	0.0	2.295	0.0
66	4129	4130	SN	1	0.0	25.854	9.144	0.0	74.908	9.178	0.0	174.803	3.17	0.0	61.939	3.578	0.0	2.02	0.0	0.0	2.15	0.0	0.0	2.196	0.0	0.0	2.295	0.0
67	4129	4130	SN	1	0.0	34.066	15.563	0.0	25.799	14.234	0.0	166.63	12.232	0.0	15.701	11.252	0.0	2.013	0.0	0.0	2.051	0.0	0.0	2.193	0.0	0.0	2.293	0.0
68	4129	4130	SN	1	0.0	31.253	15.563	0.0	25.965	15.045	0.0	166.63	12.028	0.0	82.885	12.405	0.0	2.013	0.0	0.0	2.051	0.0	0.0	2.193	0.0	0.0	2.293	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0		

69	4129	4130	SN	1	0.0	25.854	9.148	0.0	26.808	9.11	0.0	175.156	3.168	0.0	61.939	3.545	0.0	2.021	0.0	0.0	2.132	0.0	0.0	2.196	0.0	0.0	2.295	0.0
70	4130	4131	SN	1	0.0	33.989	15.602	0.0	25.959	14.861	0.0	194.861	12.01	0.0	84.393	12.281	0.0	2.025	0.0	0.0	2.011	0.0	0.0	2.204	0.0	0.0	2.301	0.0
71	4130	4131	SN	1	0.0	33.989	15.584	0.0	25.959	14.592	0.0	194.861	12.123	0.0	19.926	11.859	0.0	2.025	0.0	0.0	2.011	0.0	0.0	2.204	0.0	0.0	2.301	0.0
72	4130	4131	NS	1	0.0	25.926	14.665	0.0	33.608	15.419	0.0	352.053	11.713	0.0	37.463	11.613	0.0	1.911	0.0	0.0	1.883	0.0	0.0	2.071	0.0	0.0	2.042	0.0
73	4130	4131	SN	1	0.0	25.849	9.14	0.0	26.803	9.136	0.0	185.028	3.198	0.0	81.754	3.606	0.0	2.023	0.0	0.0	2.139	0.0	0.0	2.209	0.0	0.0	2.305	0.0
74	4130	4131	NS	1	0.0	25.926	14.665	0.0	33.608	15.419	0.0	352.053	11.713	0.0	37.463	11.613	0.0	1.911	0.0	0.0	1.883	0.0	0.0	2.071	0.0	0.0	2.042	0.0
75	4130	4131	SN	1	0.0	25.849	9.135	0.0	26.803	9.203	0.0	185.028	3.198	0.0	81.754	3.646	0.0	2.023	0.0	0.0	2.139	0.0	0.0	2.209	0.0	0.0	2.305	0.0
76	4130	4131	NS	1	0.0	26.77	9.019	0.0	25.821	8.951	0.0	353.856	3.446	0.0	67.377	2.987	0.0	1.92	0.0	0.0	1.871	0.0	0.0	2.067	0.0	0.0	2.041	0.0
77	4130	4131	SN	1	0.0	25.849	9.146	0.0	26.803	9.084	0.0	185.028	3.224	0.0	14.251	3.461	0.0	2.023	0.0	0.0	2.139	0.0	0.0	2.209	0.0	0.0	2.305	0.0
78	4130	4131	SN	1	0.0	31.617	15.585	0.0	25.959	14.911	0.0	194.861	12.01	0.0	84.393	12.386	0.0	2.025	0.0	0.0	2.011	0.0	0.0	2.204	0.0	0.0	2.301	0.0
79	4130	4131	NS	1	0.0	26.77	9.019	0.0	25.821	8.951	0.0	353.856	3.446	0.0	67.377	2.987	0.0	1.92	0.0	0.0	1.871	0.0	0.0	2.067	0.0	0.0	2.041	0.0
80	4131	4132	SN	1	0.0	31.64	15.607	0.0	27.134	14.913	0.0	195.369	12.032	0.0	85.27	12.516	0.0	2.014	0.0	0.0	2.093	0.0	0.0	2.2	0.0	0.0	2.303	0.0
81	4131	4132	SN	1	0.0	34.116	15.615	0.0	25.959	14.692	0.0	195.369	12.123	0.0	22.209	12.108	0.0	2.014	0.0	0.0	2.093	0.0	0.0	2.2	0.0	0.0	2.303	0.0
82	4131	4132	SN	1	0.0	34.116	15.615	0.0	25.959	14.692	0.0	195.369	12.123	0.0	22.209	12.108	0.0	2.014	0.0	0.0	2.093	0.0	0.0	2.2	0.0	0.0	2.303	0.0
83	4131	4132	NS	1	0.0	25.921	14.665	0.0	33.653	15.51	0.0	353.967	11.665	0.0	37.69	11.619	0.0	1.926	0.0	0.0	1.883	0.0	0.0	2.072	0.0	0.0	2.04	0.0
84	4131	4132	NS	1	0.0	25.921	14.681	0.0	33.868	15.504	0.0	316.233	11.673	0.0	79.234	11.686	0.0	1.929	0.0	0.0	1.882	0.0	0.0	2.072	0.0	0.0	2.042	0.0
85	4131	4132	SN	1	0.0	25.843	9.201	0.0	26.808	9.076	0.0	170.314	3.209	0.0	15.21	3.501	0.0	2.016	0.0	0.0	2.142	0.0	0.0	2.205	0.0	0.0	2.304	0.0
86	4131	4132	SN	1	0.0	25.843	9.201	0.0	26.808	9.083	0.0	170.314	3.209	0.0	15.552	3.509	0.0	2.016	0.0	0.0	2.142	0.0	0.0	2.205	0.0	0.0	2.304	0.0
87	4131	4132	NS	1	0.0	26.77	9.002	0.0	25.827	8.922	0.0	306.626	3.407	0.0	68.292	2.977	0.0	1.913	0.0	0.0	1.871	0.0	0.0	2.066	0.0	0.0	2.04	0.0
88	4131	4132	NS	1	0.0	26.797	9.016	0.0	25.821	8.956	0.0	351.683	3.424	0.0	73.576	2.966	0.0	1.912	0.0	0.0	1.871	0.0	0.0	2.066	0.0	0.0	2.04	0.0
89	4131	4132	SN	1	0.0	25.843	9.193	0.0	26.808	9.189	0.0	170.314	3.189	0.0	79.372	3.657	0.0	2.016	0.0	0.0	2.142	0.0	0.0	2.205	0.0	0.0	2.304	0.0
90	4132	4133	SN	1	0.0	25.854	9.183	0.0	26.803	9.088	0.0	193.51	3.249	0.0	14.306	3.494	0.0	2.026	0.0	0.0	2.157	0.0	0.0	2.213	0.0	0.0	2.309	0.0
91	4132	4133	SN	1	0.0	31.595	15.613	0.0	27.134	14.914	0.0	169.117	12.081	0.0	82.0	12.523	0.0	2.032	0.0	0.0	2.08	0.0	0.0	2.211	0.0	0.0	2.312	0.0
92	4132	4133	SN	1	0.0	25.854	9.172	0.0	26.803	9.219	0.0	193.51	3.221	0.0	141.667	3.691	0.0	2.026	0.0	0.0	2.157	0.0	0.0	2.213	0.0	0.0	2.309	0.0
93	4132	4133	SN	1	0.0	25.854	9.176	0.0	26.803	9.146	0.0	193.51	3.221	0.0	141.667	3.65	0.0	2.026	0.0	0.0	2.157	0.0	0.0	2.213	0.0	0.0	2.309	0.0
94	4132	4133	SN	1	0.0	34.204	15.634	0.0	25.959	14.574	0.0	169.117	12.2	0.0	19.937	11.997	0.0	2.032	0.0	0.0	2.08	0.0	0.0	2.211	0.0	0.0	2.312	0.0
95	4132	4133	NS	1	0.0	25.915	14.715	0.0	33.669	15.478	0.0	357.254	11.573	0.0	37.838	11.669	0.0	1.926	0.0	0.0	1.882	0.0	0.0	2.073	0.0	0.0	2.04	0.0
96	4132	4133	SN	1	0.0	34.204	15.63	0.0	27.134	14.864	0.0	169.117	12.081	0.0	82.0	12.416	0.0	2.032	0.0	0.0	2.08	0.0	0.0	2.211	0.0	0.0	2.312	0.0
97	4132	4133	NS	1	0.0	26.781	9.016	0.0	25.821	8.953	0.0	351.739	3.422	0.0	74.105	2.958	0.0	1.915	0.0	0.0	1.871	0.0	0.0	2.066	0.0	0.0	2.04	0.0
98	4132	4133	NS	1	0.0	25.915	14.715	0.0	33.669	15.478	0.0	357.254	11.573	0.0	37.838	11.669	0.0	1.926	0.0	0.0	1.882	0.0	0.0	2.073	0.0	0.0	2.04	0.0
99	4132	4133	NS	1	0.0	26.781	9.016	0.0	25.821	8.953	0.0	351.739	3.422	0.0	74.105	2.958	0.0	1.915	0.0	0.0	1.871	0.0	0.0	2.066	0.0	0.0	2.04	0.0
100	4133	4134	SN	1	0.0	33.195	15.633	0.0	25.965	14.894	0.0	188.922	12.086	0.0	94.271	12.544	0.0	2.038	0.0	0.0	2.027	0.0	0.0	2.217	0.0	0.0	2.321	0.0
101	4133	4134	SN	1	0.0	25.86	9.212	0.0	26.797	9.198	0.0	191.144	3.221	0.0	45.912	3.686	0.0	2.036	0.0	0.0	2.165	0.0	0.0	2.222	0.0	0.0	2.275	0.0
102	4133	4134	NS	1	0.0	26.786	9.011	0.0	25.832	8.921	0.0	342.826	3.408	0.0	66.119	2.942	0.0	1.913	0.0	0.0	1.87	0.0	0.0	2.068	0.0	0.0	2.04	0.0
103	4133	4134	NS	1	0.0	25.921	14.721	0.0	34.226	15.463	0.0	352.753	11.63	0.0	81.661	11.622	0.0	1.925	0.0	0.0	1.882	0.0	0.0	2.071	0.0	0.0	2.04	0.0
104	4133	4134	SN	1	0.0	34.143	15.64	0.0	25.965	14.394	0.0	188.922	12.219	0.0	17.438	11.778	0.0	2.038	0.0	0.0	2.027	0.0	0.0	2.217	0.0	0.0	2.321	0.0
105	4133	4134	SN	1	0.0	25.86	9.216	0.0	26.797	9.126	0.0	191.144	3.223	0.0	45.885	3.648	0.0	2.036	0.0	0.0	2.165	0.0	0.0	2.222	0.0	0.0	2.275	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors

106	4133	4134	NS	1	0.0	26.775	9.027	0.0	25.832	8.937	0.0	324.792	3.408	0.0	70.669	2.944	0.0	1.912	0.0	0.0	1.87	0.0	0.0	2.068	0.0	0.0	2.04	0.0
107	4133	4134	NS	1	0.0	25.921	14.737	0.0	33.669	15.438	0.0	357.149	11.623	0.0	58.233	11.64	0.0	1.927	0.0	0.0	1.883	0.0	0.0	2.071	0.0	0.0	2.04	0.0
108	4133	4134	SN	1	0.0	25.86	9.228	0.0	26.797	9.04	0.0	191.144	3.259	0.0	14.306	3.45	0.0	2.036	0.0	0.0	2.165	0.0	0.0	2.222	0.0	0.0	2.275	0.0
109	4133	4134	SN	1	0.0	34.143	15.651	0.0	25.965	14.844	0.0	188.922	12.086	0.0	94.227	12.437	0.0	2.038	0.0	0.0	2.027	0.0	0.0	2.217	0.0	0.0	2.321	0.0
110	4134	4135	NS	1	0.0	26.775	9.018	0.0	25.821	8.929	0.0	352.577	3.394	0.0	67.079	2.934	0.0	1.91	0.0	0.0	1.869	0.0	0.0	2.067	0.0	0.0	2.04	0.0
111	4134	4135	NS	1	0.0	25.921	14.724	0.0	33.68	15.407	0.0	354.171	11.601	0.0	39.824	11.592	0.0	1.922	0.0	0.0	1.881	0.0	0.0	2.072	0.0	0.0	2.041	0.0
112	4134	4135	SN	1	0.0	25.843	9.224	0.0	26.792	8.963	0.0	195.237	3.272	0.0	14.328	3.425	0.0	2.041	0.0	0.0	2.184	0.0	0.0	2.225	0.0	0.0	2.333	0.0
113	4134	4135	NS	1	0.0	26.775	9.02	0.0	25.821	8.92	0.0	352.566	3.394	0.0	67.018	2.945	0.0	1.91	0.0	0.0	1.869	0.0	0.0	2.067	0.0	0.0	2.04	0.0
114	4134	4135	NS	1	0.0	25.926	14.743	0.0	33.68	15.397	0.0	354.16	11.623	0.0	39.802	11.621	0.0	1.923	0.0	0.0	1.881	0.0	0.0	2.072	0.0	0.0	2.041	0.0
115	4134	4135	SN	1	0.0	25.843	9.211	0.0	26.792	9.178	0.0	195.237	3.225	0.0	82.072	3.715	0.0	2.041	0.0	0.0	2.184	0.0	0.0	2.225	0.0	0.0	2.333	0.0
116	4134	4135	SN	1	0.0	32.07	15.71	0.0	25.965	14.93	0.0	199.662	12.132	0.0	91.687	12.538	0.0	2.036	0.0	0.0	2.012	0.0	0.0	2.21	0.0	0.0	2.334	0.0
117	4134	4135	SN	1	0.0	34.044	15.703	0.0	25.865	14.266	0.0	199.662	12.314	0.0	15.707	11.556	0.0	2.036	0.0	0.0	2.012	0.0	0.0	2.21	0.0	0.0	2.334	0.0
118	4135	4136	SN	1	0.0	25.86	9.185	0.0	26.797	9.032	0.0	238.617	3.264	0.0	14.322	3.458	0.0	2.044	0.0	0.0	2.207	0.0	0.0	2.236	0.0	0.0	2.335	0.0
119	4135	4136	NS	1	0.0	26.786	9.002	0.0	25.827	8.966	0.0	352.764	3.403	0.0	68.287	2.945	0.0	1.919	0.0	0.0	1.873	0.0	0.0	2.065	0.0	0.0	2.039	0.0
120	4135	4136	SN	1	0.0	25.86	9.178	0.0	26.797	9.19	0.0	238.617	3.224	0.0	58.294	3.688	0.0	2.044	0.0	0.0	2.207	0.0	0.0	2.236	0.0	0.0	2.335	0.0
121	4135	4136	NS	1	0.0	25.926	14.764	0.0	33.691	15.449	0.0	354.093	11.595	0.0	47.076	11.543	0.0	1.921	0.0	0.0	1.884	0.0	0.0	2.072	0.0	0.0	2.04	0.0
122	4135	4136	SN	1	0.0	32.092	15.731	0.0	26.417	14.938	0.0	204.565	12.148	0.0	85.546	12.567	0.0	2.056	0.0	0.0	2.037	0.0	0.0	2.222	0.0	0.0	2.344	0.0
123	4135	4136	SN	1	0.0	34.154	15.75	0.0	26.417	14.911	0.0	204.565	12.155	0.0	99.43	12.463	0.0	2.056	0.0	0.0	2.037	0.0	0.0	2.222	0.0	0.0	2.344	0.0
124	4135	4136	SN	1	0.0	25.86	9.18	0.0	26.797	9.115	0.0	238.617	3.225	0.0	58.31	3.646	0.0	2.044	0.0	0.0	2.207	0.0	0.0	2.236	0.0	0.0	2.335	0.0
125	4135	4136	SN	1	0.0	34.154	15.742	0.0	25.965	14.467	0.0	204.565	12.291	0.0	18.348	11.87	0.0	2.056	0.0	0.0	2.037	0.0	0.0	2.222	0.0	0.0	2.344	0.0
126	4136	4137	SN	1	0.0	25.865	9.17	0.0	26.808	9.115	0.0	180.914	3.226	0.0	87.443	3.618	0.0	2.061	0.0	0.0	2.194	0.0	0.0	2.24	0.0	0.0	2.344	0.0
127	4136	4137	SN	1	0.0	33.846	15.691	0.0	25.755	14.129	0.0	199.673	12.268	0.0	15.734	11.205	0.0	2.044	0.0	0.0	2.033	0.0	0.0	2.244	0.0	0.0	2.35	0.0
128	4136	4137	SN	1	0.0	33.846	15.67	0.0	25.965	14.934	0.0	199.64	12.067	0.0	71.541	12.311	0.0	2.043	0.0	0.0	2.033	0.0	0.0	2.244	0.0	0.0	2.35	0.0
129	4136	4137	SN	1	0.0	25.865	9.173	0.0	26.808	9.195	0.0	180.864	3.228	0.0	87.471	3.659	0.0	2.061	0.0	0.0	2.194	0.0	0.0	2.24	0.0	0.0	2.345	0.0
130	4136	4137	NS	1	0.0	25.932	14.74	0.0	33.73	15.417	0.0	351.926	11.617	0.0	45.488	11.577	0.0	1.92	0.0	0.0	1.884	0.0	0.0	2.07	0.0	0.0	2.04	0.0
131	4136	4137	NS	1	0.0	25.932	14.75	0.0	33.73	15.437	0.0	351.932	11.624	0.0	45.499	11.577	0.0	1.92	0.0	0.0	1.884	0.0	0.0	2.07	0.0	0.0	2.04	0.0
132	4136	4137	SN	1	0.0	31.424	15.672	0.0	25.965	14.955	0.0	199.673	12.06	0.0	71.557	12.41	0.0	2.044	0.0	0.0	2.033	0.0	0.0	2.244	0.0	0.0	2.35	0.0
133	4136	4137	NS	1	0.0	26.764	9.01	0.0	25.827	8.948	0.0	349.588	3.403	0.0	69.042	2.968	0.0	1.914	0.0	0.0	1.873	0.0	0.0	2.066	0.0	0.0	2.04	0.0
134	4136	4137	NS	1	0.0	26.764	9.01	0.0	25.827	8.946	0.0	349.582	3.399	0.0	69.02	2.971	0.0	1.914	0.0	0.0	1.872	0.0	0.0	2.066	0.0	0.0	2.04	0.0
135	4136	4137	SN	1	0.0	25.865	9.187	0.0	26.808	8.93	0.0	180.864	3.282	0.0	14.328	3.345	0.0	2.061	0.0	0.0	2.194	0.0	0.0	2.24	0.0	0.0	2.345	0.0
136	4137	4138	SN	1	0.0	33.873	15.643	0.0	26.406	14.941	0.0	356.476	12.111	0.0	72.566	12.361	0.0	2.066	0.0	0.0	2.044	0.0	0.0	2.265	0.0	0.0	2.38	0.0
137	4137	4138	NS	1	0.0	25.926	14.689	0.0	33.735	15.437	0.0	350.845	11.616	0.0	52.37	11.541	0.0	1.929	0.0	0.0	1.881	0.0	0.0	2.07	0.0	0.0	2.04	0.0
138	4137	4138	NS	1	0.0	25.932	14.679	0.0	33.73	15.437	0.0	350.851	11.616	0.0	52.376	11.526	0.0	1.929	0.0	0.0	1.881	0.0	0.0	2.07	0.0	0.0	2.04	0.0
139	4137	4138	SN	1	0.0	33.873	15.643	0.0	25.959	14.941	0.0	356.47	12.097	0.0	72.572	12.354	0.0	2.066	0.0	0.0	2.044	0.0	0.0	2.265	0.0	0.0	2.38	0.0
140	4137	4138	SN	1	0.0	25.849	9.172	0.0	26.797	9.111	0.0	248.445	3.173	0.0	67.316	3.558	0.0	2.083	0.0	0.0	2.236	0.0	0.0	2.265	0.0	0.0	2.374	0.0
141	4137	4138	SN	1	0.0	25.849	9.17	0.0	26.797	9.113	0.0	248.412	3.173	0.0	67.322	3.566	0.0	2.083	0.0	0.0	2.232	0.0	0.0	2.265	0.0	0.0	2.374	0.0
142	4137	4138	NS	1	0.0	26.792	9.012	0.0	25.81	8.914	0.0	350.117	3.403	0.0	70.471	2.955	0.0	1.912	0.0	0.0	1.869	0.0	0.0	2.067	0.0	0.0	2.04	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0		

143	4137	4138	NS	1	0.0	26.792	9.012	0.0	25.81	8.91	0.0	350.123	3.405	0.0	70.482	2.95	0.0	1.911	0.0	0.0	1.869	0.0	0.0	2.067	0.0	0.0	2.04	0.0
144	4138	4139	NS	1	0.0	26.775	9.003	0.0	25.832	8.931	0.0	353.338	3.403	0.0	43.993	2.93	0.0	1.913	0.0	0.0	1.87	0.0	0.0	2.065	0.0	0.0	2.04	0.0
145	4138	4139	NS	1	0.0	25.926	14.715	0.0	33.967	15.413	0.0	141.849	11.613	0.0	95.735	11.552	0.0	1.927	0.0	0.0	1.881	0.0	0.0	2.074	0.0	0.0	2.043	0.0
146	4138	4139	SN	1	0.0	33.983	15.623	0.0	27.161	14.911	0.0	228.078	12.125	0.0	80.056	12.347	0.0	2.081	0.0	0.0	2.053	0.0	0.0	2.271	0.0	0.0	2.4	0.0
147	4138	4139	NS	1	0.0	26.775	9.005	0.0	25.832	8.938	0.0	353.332	3.41	0.0	43.982	2.942	0.0	1.913	0.0	0.0	1.87	0.0	0.0	2.065	0.0	0.0	2.04	0.0
148	4138	4139	SN	1	0.0	25.876	9.186	0.0	26.792	9.135	0.0	270.566	3.207	0.0	72.015	3.549	0.0	2.093	0.0	0.0	2.245	0.0	0.0	2.289	0.0	0.0	2.394	0.0
149	4138	4139	NS	1	0.0	25.926	14.715	0.0	33.972	15.423	0.0	142.273	11.592	0.0	95.74	11.567	0.0	1.927	0.0	0.0	1.88	0.0	0.0	2.074	0.0	0.0	2.043	0.0
150	4139	4140	NS	1	0.0	25.92	14.706	0.0	33.967	15.392	0.0	347.354	11.585	0.0	96.209	11.56	0.0	1.922	0.0	0.0	1.881	0.0	0.0	2.071	0.0	0.0	2.039	0.0
151	4139	4140	SN	1	0.0	34.022	15.605	0.0	26.4	14.981	0.0	172.801	12.168	0.0	254.068	12.446	0.0	2.06	0.0	0.0	2.045	0.0	0.0	2.258	0.0	0.0	2.372	0.0
152	4139	4140	SN	1	0.0	25.86	9.177	0.0	26.786	9.099	0.0	189.528	3.209	0.0	102.753	3.571	0.0	2.071	0.0	0.0	2.211	0.0	0.0	2.261	0.0	0.0	2.365	0.0
153	4139	4140	NS	1	0.0	26.781	9.015	0.0	25.816	8.944	0.0	356.531	3.393	0.0	44.379	2.951	0.0	1.919	0.0	0.0	1.87	0.0	0.0	2.066	0.0	0.0	2.039	0.0
154	4140	4141	NS	1	0.0	25.921	14.773	0.0	31.072	15.127	0.0	351.435	11.712	0.0	18.084	11.379	0.0	1.923	0.0	0.0	1.88	0.0	0.0	2.071	0.0	0.0	2.04	0.0
155	4140	4141	SN	1	0.0	25.854	9.174	0.0	26.803	9.108	0.0	203.542	3.221	0.0	67.658	3.59	0.0	2.078	0.0	0.0	2.219	0.0	0.0	2.262	0.0	0.0	2.364	0.0
156	4140	4141	NS	1	0.0	26.781	9.032	0.0	25.816	8.967	0.0	348.17	3.385	0.0	67.018	2.944	0.0	1.916	0.0	0.0	1.869	0.0	0.0	2.067	0.0	0.0	2.039	0.0
157	4140	4141	NS	1	0.0	25.921	14.738	0.0	33.978	15.351	0.0	351.435	11.548	0.0	53.622	11.568	0.0	1.923	0.0	0.0	1.88	0.0	0.0	2.071	0.0	0.0	2.04	0.0
158	4140	4141	NS	1	0.0	26.781	9.095	0.0	25.816	8.967	0.0	348.17	3.437	0.0	12.839	2.883	0.0	1.916	0.0	0.0	1.869	0.0	0.0	2.067	0.0	0.0	2.039	0.0
159	4140	4141	SN	1	0.711	34.193	15.726	0.0	26.406	14.986	0.0	179.414	12.156	0.0	81.203	12.449	0.001	2.062	0.0	0.0	2.045	0.0	0.0	2.244	0.0	0.0	2.373	0.0
160	4141	4142	NS	1	0.0	26.77	9.226	0.0	25.827	9.002	0.0	330.699	3.57	0.0	12.855	2.952	0.0	1.912	0.0	0.0	1.87	0.0	0.0	2.066	0.0	0.0	2.04	0.0
161	4141	4142	NS	1	0.0	25.915	15.011	0.0	31.072	14.789	0.0	291.978	12.138	0.0	13.958	11.115	0.0	1.927	0.0	0.0	1.881	0.0	0.0	2.07	0.0	0.0	2.04	0.0
162	4141	4142	NS	1	0.0	26.77	8.997	0.0	25.827	8.949	0.0	330.699	3.41	0.0	52.679	2.943	0.0	1.912	0.0	0.0	1.87	0.0	0.0	2.066	0.0	0.0	2.04	0.0
163	4141	4142	SN	1	0.0	34.011	15.705	0.0	25.959	15.036	0.0	157.663	12.078	0.0	83.045	12.52	0.0	2.069	0.0	0.0	2.048	0.0	0.0	2.253	0.0	0.0	2.388	0.0
164	4141	4142	NS	1	0.0	25.915	14.741	0.0	33.763	15.459	0.0	291.978	11.606	0.0	74.839	11.541	0.0	1.927	0.0	0.0	1.881	0.0	0.0	2.07	0.0	0.0	2.04	0.0
165	4141	4142	SN	1	0.0	25.865	9.187	0.0	26.797	9.121	0.0	157.211	3.249	0.0	68.739	3.6	0.0	2.084	0.0	0.0	2.235	0.0	0.0	2.282	0.0	0.0	2.379	0.0
166	4142	4143	NS	1	0.0	25.932	14.77	0.0	33.735	15.429	0.0	351.921	11.633	0.0	92.178	11.59	0.0	1.931	0.0	0.0	1.881	0.0	0.0	2.072	0.0	0.0	2.042	0.0
167	4142	4143	NS	1	0.0	26.77	9.017	0.0	25.816	8.933	0.0	316.983	3.405	0.0	58.933	2.957	0.0	1.912	0.0	0.0	1.87	0.0	0.0	2.069	0.0	0.0	2.04	0.0
168	4142	4143	NS	1	0.0	26.77	9.405	0.0	25.816	9.062	0.0	316.983	3.665	0.0	12.861	3.039	0.0	1.912	0.0	0.0	1.87	0.0	0.0	2.069	0.0	0.0	2.04	0.0
169	4142	4143	NS	1	0.0	25.932	15.216	0.0	31.072	14.665	0.0	351.921	12.491	0.0	13.986	11.099	0.0	1.931	0.0	0.0	1.881	0.0	0.0	2.072	0.0	0.0	2.042	0.0
170	4142	4143	SN	1	0.745	33.994	15.755	0.0	25.959	15.055	0.0	165.478	12.098	0.0	85.278	12.542	0.0	2.112	0.0	0.0	2.065	0.0	0.0	2.276	0.0	0.0	2.41	0.0
171	4142	4143	SN	1	0.0	25.854	9.182	0.0	26.797	9.105	0.0	196.45	3.242	0.0	61.095	3.583	0.0	2.102	0.0	0.0	2.258	0.0	0.0	2.294	0.0	0.0	2.407	0.0
172	4143	4144	NS	1	0.0	25.926	15.535	0.0	31.072	14.485	0.0	353.928	13.496	0.0	13.981	11.372	0.0	1.929	0.0	0.0	1.883	0.0	0.0	2.071	0.0	0.0	2.04	0.0
173	4143	4144	NS	1	0.0	25.926	14.715	0.0	33.608	15.429	0.0	353.928	11.599	0.0	37.629	11.542	0.0	1.929	0.0	0.0	1.883	0.0	0.0	2.071	0.0	0.0	2.04	0.0
174	4143	4144	SN	1	0.0	25.843	9.191	0.0	26.797	8.899	0.0	176.75	3.303	0.0	14.328	3.259	0.0	2.101	0.0	0.0	2.241	0.0	0.0	2.288	0.0	0.0	2.396	0.0
175	4143	4144	NS	1	0.0	26.77	9.028	0.0	25.827	8.94	0.0	351.645	3.409	0.0	62.904	2.948	0.0	1.913	0.0	0.0	1.871	0.0	0.0	2.067	0.0	0.0	2.042	0.0
176	4143	4144	SN	1	0.0	31.766	15.703	0.0	27.128	14.988	0.0	219.122	12.077	0.0	81.708	12.55	0.0	2.107	0.0	0.0	2.063	0.0	0.0	2.286	0.0	0.0	2.402	0.0
177	4143	4144	SN	1	0.0	34.088	15.783	0.0	25.639	14.123	0.0	219.122	12.329	0.0	15.712	11.217	0.0	2.107	0.0	0.0	2.063	0.0	0.0	2.286	0.0	0.0	2.402	0.0
178	4143	4144	NS	1	0.0	26.77	9.907	0.0	25.827	9.444	0.0	351.645	3.976	0.0	12.867	3.288	0.0	1.913	0.0	0.0	1.871	0.0	0.0	2.067	0.0	0.0	2.042	0.0
179	4143	4144	SN	1	0.0	25.843	9.159	0.0	26.797	9.196	0.0	176.75	3.231	0.0	89.44	3.602	0.0	2.101	0.0	0.0	2.241	0.0	0.0	2.288	0.0	0.0	2.396	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors